

PI 547175 to 547184-continued

PI 547182 **origin:** United States. **collected:** September 15, 1989. **collector id:** GIG-2021. **other id:** Ames 13010. **source:** NC-7. **group:** Ames. **locality:** In roadside ditch, on the edge of hay pasture. In moist swampy clay soil. On Hwy. 26S, 6.6km south of Rosendale, Fond du Lac County. **latitude:** 43 deg. 44 min. N. **longitude:** 88 deg. 49 min. W. **remarks:** Seeds collected from 75 plants, large population, scattered plants. Collection #2021. Plants typical of species. Probably good seed set, plants just past flowering. Stem damage, insect galls on plants (wasp?) eggs inside, also evidence of stem borer damage. Many diseases present, very bad rust, some plants dried up probably due to rust Powdery mildew present, also Alternaria leaf spot. Seed.

PI 547183 **origin:** United States. **collected:** September 15, 1989. **collector id:** GIG-2023. **other id:** Ames 13011. **source:** NC-7. **group:** Ames. **locality:** Roadside ditch, on edge of waste area. 10.4km west of Fox Lake, Columbia County. **latitude:** 43 deg. 32 min. N. **longitude:** 89 deg. 02 min. W. **remarks:** Seeds collected from 50 plants, small scattered population Plants generally typical, some plants looked like they had *H. grosseserratus* characteristics mixed in. Probably good seed set. Some leaves had some rust spots, not severe. Insect damage to heads, some stems had insect galls(wasp) Plant specimen collected. Collection #2023. Seed.

PI 547184 **origin:** United States. **collected:** September 16, 1989. **collector id:** GIG-2029. **other id:** Ames 13012. **source:** NC-7. **group:** Ames. **locality:** Population scattered over 100m in roadside ditch, on edge of small flowing stream in clay soil. On Hwy. 251S, 7.7km south of New Milford, Ogle County. **latitude:** 42 deg. 10 min. W. **longitude:** 89 deg. 06 min. W. **remarks:** Seeds collected from 60 plants, Typical *H. giganteus*, had some very large plants, >2 m. and larger stem diameter. Just past flowering, good seed set. Insect gall on some stems. No diseases present. Specimen collected. Collection #2029. Seed.

PI 547185 to 547202. *Helianthus grosseserratus* Martens ASTERACEAE

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